SIEMENS

MAMMOMAT 1000/3000

SP

Service

Replacement of parts

Replacing software version 4.3, 4.4 or 4.5

Kit part No. 65 76 420

© Siemens AB 2003
The reproduction, transmission or use of this document or its contents is not permitted without express written authority. Offenders will be liable for damages. All rights, including rights created by patent grant or registration of a utility model or design, are reserved.

English
Print No.: SPB7-230.841.05.01.02
Doc. Gen. Date: 04.03
Replaces: n.a.
66 54 011

Chapter	Page	Revision
All	All	01

Document revision level

The document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

Disclaimer

The installation and service of equipment described herein is to be performed by qualified personnel who are employed by Siemens or one of its affiliates or who are otherwise authorized by Siemens or one of its affiliates to provide such services.

Assemblers and other persons who are not employed by or otherwise directly affiliated with or authorized by Siemens or one of its affiliates are directed to contact one of the local offices of Siemens or one of its affiliates before attempting installation or service procedures.

Contents 0 - 3

Page

1 Prerequisites 1 - 1

General . . . . . 1 - 1
Parts included . . . . . 1 - 1
Documents required . . . . . 1 - 1
Tools required . . . . . 1 - 1

2 Installation 2 - 1

Installing software V4.5 . . . . . 2 - 1

This page intentionally left blank.

General

This document describes how to install software version 4.5 on a MAMMOMAT 1000/ 3000. This software replaces either V4.3, V4.4 or V4.5 software.

Parts included

The spare part kit 65 76 420 comprises the following parts:

Amount	Part No.	Article	SW-version
1	66 09 619	Generator PROMs	4.5
1	66 09 601	Stand PROM	4.5
1	66 09 528	Service Program	4.4
1	66 54 011	Repair Instructions (this document)	-

Documents required

Wiring Diagrams, MAMMOMAT 1000/3000

Installation and Start-Up Instructions, MAMMOMAT 1000/3000

Service Program, MAMMOMAT 1000/3000

Instructions for use, MAMMOMAT 1000/3000

Tools required

Standard tool kit, ESD tools

Service PC (e.g. Siemens Nixdorf PCD3-NSX/20 or similar) with connecting cable (PC-Generator), part no. 99 00 440 RE999.

This page intentionally left blank.

Installing software V4.5

1. Mains and system OFF.
2. Remove the front cover from the generator and the rear cover from the stand, see Installation and Start-Up Instructions, MAMMOMAT 1000/3000.
3. Mains and system ON.
4. Note the settings of System type, collimator, see Installation and Start-Up Instructions for working with the service PC.

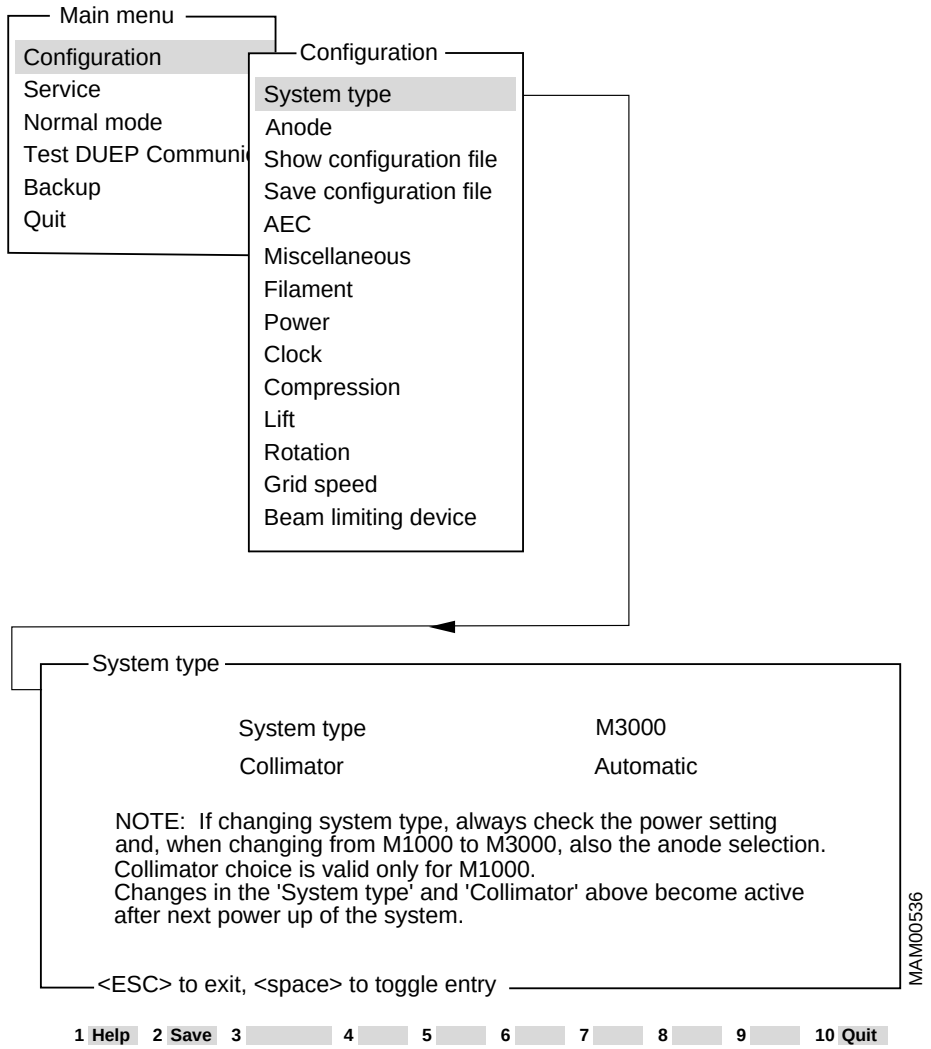

Fig. 1

5. Note the settings of Anode.

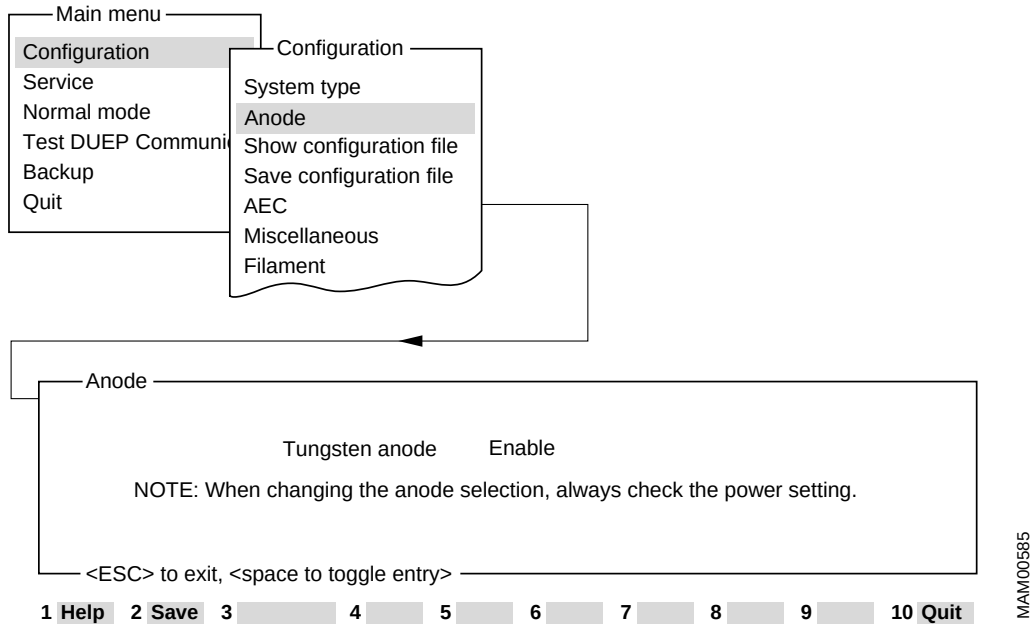

Fig. 2

6. Mains and system OFF.
7. Exchange the proms on D701 (J113), D702 (J39), D740 (I10) in the generator and D801 (I9) in the stand.
8. Mains and system ON.
9. Acknowledge any errors caused by the software change with the Lim button on the control panel. Check that the motorized movements function properly, see Installation and Start-Up instruction, MAMMOMAT 1000/3000.
10. Check the settings of System type, collimator and Anode.
11. Make an AEC exposure, see Instructions for use, MAMMOMAT 1000/3000.
12. Perform a Backup, Copy installation area to floppy, All, using service program V 4.4.

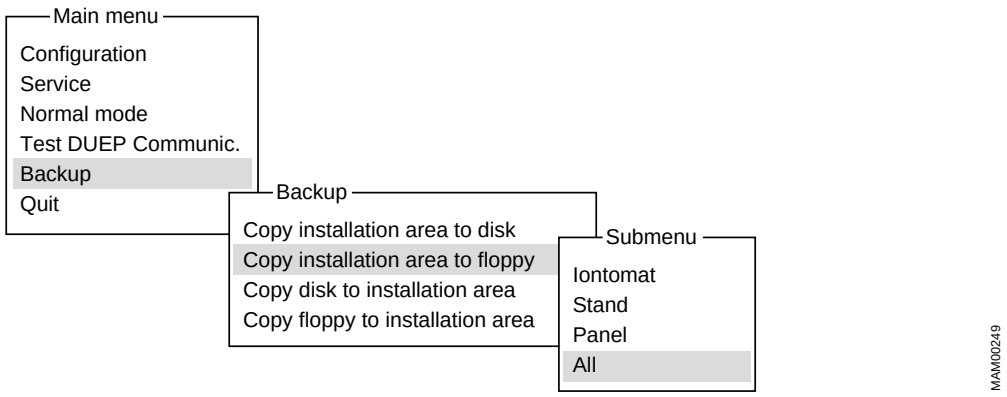

Fig. 3

13. Mains and system OFF.
14. Disconnect the service PC.
15. Reinstall the generator and stand covers.